

# Converting Colors

Hex(BAD6E8)

Have a look what the booklet for  
Hex(BAD6E8) contains.

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# **Color**

**Hex(BAD6E8)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | BAD6E8                      |
| RGB         | 186, 214, 232               |
| RGB Percent | 73%, 84%, 91%               |
| CMY         | 0.2706, 0.1608, 0.0902      |
| CMYK        | 0.20, 0.08, 0.00, 0.09      |
| HSL         | 203°, 50%, 82%              |
| HSV         | 203°, 20%, 91%              |
| XYZ         | 58.8618, 64.3584, 85.6640   |
| YIQ         | 207.6800, -22.4660, -0.3380 |

# Conversions

## Conversions Part 2

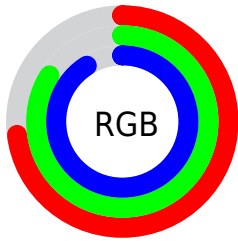
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>YB</sub>                     | 186, 203, 232                  |
| Decimal                             | 12244712                       |
| CIE Lab                             | 84.15, -5.50, -11.96           |
| CIE LCh                             | 84, 13.162, 245.293            |
| Yxy                                 | 64.3584, 0.2818,<br>0.3081     |
| Android<br>(android.graphics.Color) | 4290434792<br>(0xFFBAD6E8)     |
| YUV                                 | 207.6800, 11.9898,<br>-19.0134 |
| Hunter-Lab                          | 80.2237, -9.4224,<br>-7.1541   |

# Details

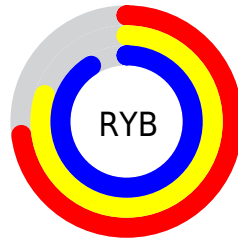
The Hex color **BAD6E8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E8CCBA**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **F3FFFF**, and **849FB0** is the 20% darker color. If you saturate the color by 10%, you get **A3CDE8**, and if you desaturate by 10%, it is **D1DFE8**.

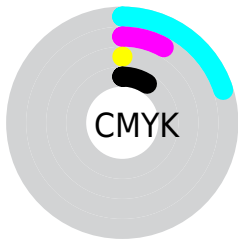
# Distribution



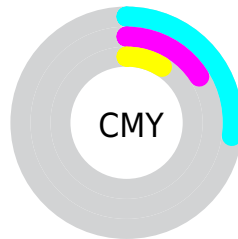
- Red (73%)
- Green (84%)
- Blue (91%)



- Red (73%)
- Yellow (80%)
- Blue (91%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (27%)
- Magenta (16%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BAD6E8 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color BAD6E8 by changing the saturation by 10% instead.



 BAD6E8

FFFFFF

 F3FFFF

 BAD6E8

 9FBACC

 849FB0

 6A8596

 526C7C

 395463

 223D4B

 092734

 00121F

 000005

 BAD6E8

 BAD6E8

 A3CDE8

 D1DFE8

 8CC4E8

 E8E8E8

 74BBE8

 FFF1E8

 5DB2E8

 FFFAE8

 46A9E8

 FFFF E8

 2FA0E8

 1896E8

 008DE8

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B3D9E0



BAD6E8



C8D2EA

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BAD6E8



ECCAD0



CCD6BD

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



BAD6E8



E8CCBA

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



DAD2B9



BAD6E8



ECCBC4

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BAD6E8



E4CBDD



E6CEBC



BED8C7

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BAD6E8



D2CFE8



E6CEBC



D1D4BB



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



BAD6E8



F0F9FF



BAE8CC



777C80



000000



808080

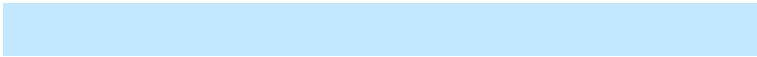


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



BAD6E8



C2E7FF



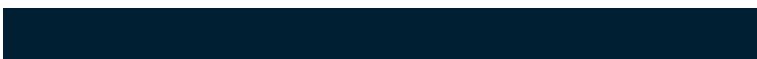
BABFE8



676E73



006DB3



001F33



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E8BAD6



FFC2E7



E8E3BA



73676E



B3006D

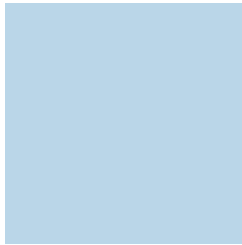


33001F



# Previews

## White Background



This preview shows how the Hex color BAD6E8 looks on a white background.

## Color Contrast Check

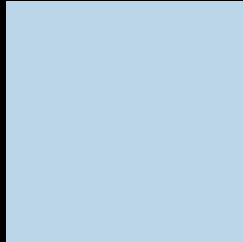
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color BAD6E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

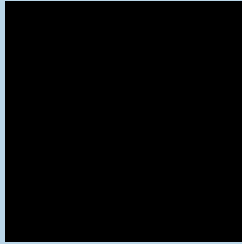
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

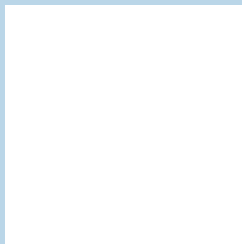
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BAD6E8 Background



This preview shows how black text looks on a background with the Hex color BAD6E8.



This preview shows how white text looks on a background with the Hex color BAD6E8.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



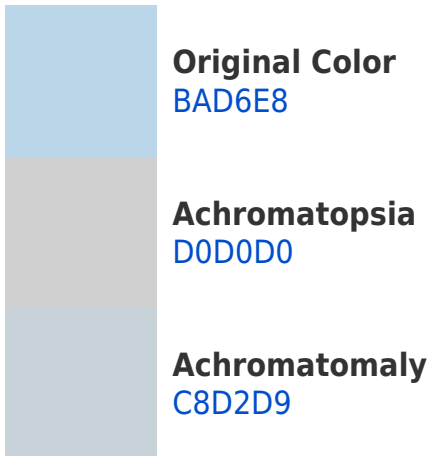


**Tritanopia**  
BAD6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BAD6E8 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #BAD6E8 looks like.

```
.text, #text, p{  
    color:#BAD6E8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #BAD6E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAD6E8  
}
```

## Border

The CSS property to change the border of an element to Hex BAD6E8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#BAD6E8 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#BAD6E8 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #BAD6E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAD6E8; -webkit-box-shadow:4px 4px  
4px 4px #BAD6E8; box-shadow:4px 4px 4px  
4px #BAD6E8 }
```

# Background

The CSS property to change the background color of an element to Hex BAD6E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAD6E8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#BAD6E8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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